



## Request for City Council Committee Action from the Department of Public Works

**Date:** June 3, 2014

**To:** Honorable Kevin Reich, Chair Transportation & Public Works Committee

**Subject:** **35W South Tunnel Rehabilitation Cooperative Construction Agreement**

**Recommendation:**

Authorize the proper City Officials to execute Cooperative Construction Agreement No. 05797 with the Minnesota Department of Transportation for State Project No. 2782-334.

**Department Information:**

Prepared by: Kevin Danen, P.E., Surface Water and Sewers 673-5627

Approved by: \_\_\_\_\_  
Steven A. Kotke, P.E., Director of Public Works

Presenter in Committee: Kevin Danen, P.E., Surface Water and Sewers 673-5627

**Reviews**

Permanent Review Committee (PRC):	NA
Civil Rights Affirmative Action Plan	NA
Policy Review Group (PRG):	NA

**Financial Impact** (Check those that apply)

- ☒ No financial impact - or - Action is within current department budget (If checked, go directly to Background/Supporting Information)
- ☐ Action requires an appropriation increase to the Capital Budget
- ☐ Action requires an appropriation increase to the Operating Budget
- ☐ Action provides increased revenue for appropriation increase
- ☐ Action requires use of contingency or reserves
- ☐ Business Plan: ☒ Action is within the plan. ☐ Action requires a change to plan.
- ☐ Other financial impact (Explain):
- ☐ Request provided to department's Finance Dept. contact when provided to the Committee Coordinator

**Community Impact**

Neighborhood Notification: Not Applicable

City Goals: Maintain the city's infrastructure to ensure a healthy, vital and safe city.

Comprehensive Plan: Not Applicable

Zoning Code: Not Applicable

## **Background/Supporting Information**

The 35W South stormwater tunnel was built in the early 1960's as part of the 35W highway construction project in Minneapolis. The unreinforced concrete tunnel is 24,540 feet long, ranges in size from 8 feet to 14 feet in diameter, and is located at a depth of 80 feet to 110 feet below the surface. The storm tunnel collects water from an area exceeding 3,100 acres in the City.

The tunnel was inspected in 2006 and again in 2012 and it was determined that due to the age of the tunnel and the defects found that the tunnel is in immediate need of rehabilitation. Without rehabilitation at this time, more urgent and costly repairs will need to be made to attain the needed structural integrity of the tunnel liner to prevent future failures.

Public Works is requesting that the proper City Officials be authorized to execute Cooperative Construction Agreement No. 05797 with the Minnesota Department of Transportation. The agreement will cover cost participation for I-35W South storm tunnel rehabilitation project (State Project No. 2782-334). The work for the project consists of tunnel rehabilitation from Lake Street to 39<sup>th</sup> Street (tunnel station 17980+7500.0044 to tunnel station 302237+1401.4400), and the construction of a new access shaft under and adjacent to T.H. 35W at 33<sup>rd</sup> Street and Stevens Avenue.

Following is the funding participation based on the Schedule "I" Engineers Estimate.

<b>Source</b>	<b>Storm</b>
<b>Schedule "I" Engineers Estimate</b>	\$4,404,145.61

The funding for the project will be 2013R-573 (07300-9010932-SW1411) Storm Drains & Tunnel Rehabilitation Program.

This project is scheduled for August 2014 to April 2015 and November 2015 to May 2016.

cc: Council Member Alondra Cano  
Council Member Abdi Warsame  
Council Member Elizabeth Glidden